

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

- (A) NAME: FERRING BV
- (B) STREET: MARSSTRAAT 9, PO BOX 3129
- (C) CITY: HOOFFDORP
- (D) STATE: NONE
- (E) COUNTRY: THE NETHERLANDS
- (F) POSTAL CODE (ZIP): 2130 KC

(ii) TITLE OF INVENTION: CONTROLLED RELEASE FORMULATION

(iii) NUMBER OF SEQUENCES: 7

(iv) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: ParentIn Release #1.0, Version #1.30 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 19 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

CTGCAGCTGC CTGAAGGAG

19

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 19 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

GGGCGGGGCG GGGCTCTCG

19

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 21 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

ATTCTACTGA CTTGGTGCGT G

21

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 21 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

GGAATATGTG CAACTTGGTG T

21

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 1
- (D) OTHER INFORMATION: /product= "Glu in first position is pyroGLU"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
1 5 10

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 1
- (D) OTHER INFORMATION: /product= "Glu in first position is pyroGlu"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Glu His Trp Ser His Gly Trp Tyr Pro Gly
1 5 10

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION:1
- (D) OTHER INFORMATION:/product = "Glu is pyroGlu"

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION:5
- (D) OTHER INFORMATION:/product = "Xaa is His or Tyr"

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION:7
- (D) OTHER INFORMATION:/product = "Xaa is Trp or Leu"

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION:8
- (D) OTHER INFORMATION:/product = "Xaa is Tyr or Arg"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Glu His Trp Ser Xaa Gly Xaa Xaa Pro Gly
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1

SEQUENCE LISTING

<110> QI, STEVE
AKINSANYA, KAREN
HAYWARD, AMANDA

<120> CONTROLLED RELEASE FORMULATION COMPRISING GNRH-II

<130> 033236/0115

<140> 09/857,115

<141> 2001-06-01

<150> PCT/GB99/04045

<151> 1999-02-12

<150> GB 9826662.0

<151> 1998-12-03

<160> 7

<170> PatentIn Ver. 2.1

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 2

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<210> 3

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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 <213> Artificial Sequence

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